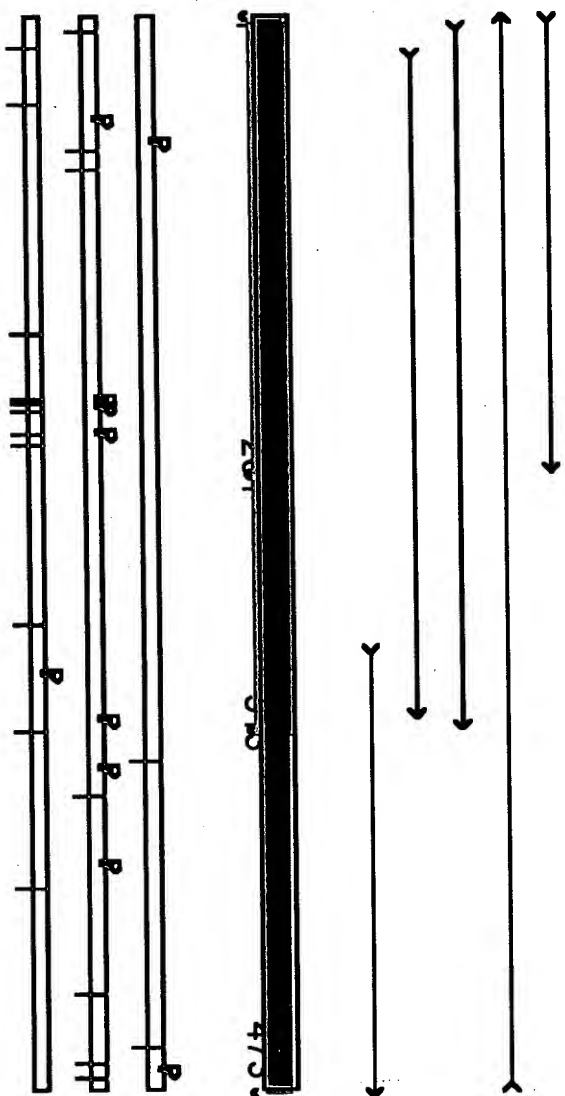


Figure 1

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>893988	TAGGCT	TTGAAGCATT	TTTGTCTGTG	CTCCCTGATC	TTCAGGTCAC
>901429		GCATT	TTTGTCTGTG	CTCCCTGATC	TTCATGTCAC
Consensus	CTCTTAGGCT	TTGAAGCATT	TTTGTCTGTG	CTCCCTGATC	TTCATGTCAC
>1662885	CACCATGAAG	TTCTTAGCAG	TCCTGGTACT	CTTGGGAGTT	TCCATCTNTC
<1662885inh	CACCATGAAG	TTCTTAGCAG	TCCTGGTACT	CTTGGGAGTT	TCCATCTTTT
>893988	CACCATGAAG	TTCTTAGCAG	TCCTGGTACT	CTTGGGAGTT	TCCATCTTTT
>901429	CACCATGAAG	TTCTTAGCAG	TCCTGGTACT	CTTGGGAGTT	TCCATCTTTT
Consensus	CACCATGAAG	TTCTTAGCAG	TCCTGGTACT	CTTGGGAGTT	TCCATCTTTT
>1662885	TGGTCTCTGC	CCAGAATCCG	ACAACAGCTG	CTNCAGCTGA	CACGNATCCA
<1662885inh	TGGTCTCTGC	CCAGAATCCG	ACAACAGCTG	CTCCAGCTGA	CACGTATCCA
>893988	TGGTCTCTGC	CCAGAATCCG	ACAACAGCTG	CTCCAGCTGA	CACGTATCCA
>901429	TGGTCTCTGC	CCAGAATCCG	ACAACAGCTG	CTCCAGCTGA	CACGTATCCA
Consensus	TGGTCTCTGC	CCAGAATCCG	ACAACAGCTG	CTCCAGCTGA	CACGTATCCA
>1662885	GCTACTGGTC	CTGCTGATGA	TGAAGCCCCCT	GANGCTGAAA	CCACTGCTGC
<1662885inh	GCTACTGGTC	CTGCTGATGA	TGAAGCCCCCT	GATGCTGAAA	CCACTGCTGC
>893988	GCTACTGGTC	CTGCTGATGA	TGAAGCCCCCT	GATGCTGAAA	CCACTGCTGC
>901429	GCTACTGGTC	CTGCTGATGA	TGAAGCCCCCT	GATGCTGAAA	CCACTGCTGC
Consensus	GCTACTGGTC	CTGCTGATGA	TGAAGCCCCCT	GATGCTGAAA	CCACTGCTGC
>1662885	T				
<1662885inh	TGCAACCACT	GCGACCACTG	CTGCTCCTAC	CACTGCAACC	ACCGCTGCTT
>893988	TGCAACCACT	GCGACCACTG	CTGCTCCTAC	CACTGCAACC	ACCGCTGCTT
>901429	TGCAACCACT	GCGACCACTG	CTGCTCCTAC	CACTGCAACC	ACCGCTGCTT
Consensus	TGCAACCACT	GCGACCACTG	CTGCTCCTAC	CACTGCAACC	ACCGCTGCTT
<1662885inh	CTACCACTGC	TCGTAAAGAC	ATTCCAGTTT	TACCCAAATG	GGTTGGGGAT
>893988	CTACCACTGC	TCGTAAAGAC	ATTCCAGTTT	TACCCAAATG	GGTTGGGGAT
>901429	NTACCACTGC	TCGTAAAGAC	ATTNCAGTTT	TACCCAAATG	GGTTGGGGAT
>1209814			GTTT	TACCCAAATG	GGTTGGGGAT
Consensus	CTACCACTGC	TCGTAAAGAC	ATTCCAGTTT	TACCCAAATG	GGTTGGGGAT
<1662885inh	CTCCCGAATG	GTAGAGTGTG	TCCCTGAGAT	GGAATCAGCT	TGAGTCTTCT
>893988	CTTCCGAATG	.GT			
>901429	CTCCCGA				
>1209814	CTCCCGAATG	GTAGAGTGTG	TCCCTGAGAT	GGAATCAGCT	TGAGTCTTCT
Consensus	CTCCCGAATG	GTAGAGTGTG	TCCCTGAGAT	GGAATCAGCT	TGAGTCTTCT
<1662885inh	GCAATTGGTC	ACAACATATTC	ATGCTTCCTG	TGATTTTCATC	CAACTACTTA
>1209814	GCAATTGGTC	ACAACATATTC	ATGCTTCCTG	TGATTTTCATC	CAACTACTTA
Consensus	GCAATTGGTC	ACAACATATTC	ATGCTTCCTG	TGATTTTCATC	CAACTACTTA
<1662885inh	CCTTGCCTAC	GATATCCCCT	TTATCTCTAA	TCAGTTTATT	TTCTTTCAAA
>1209814	CCTTGCCTAC	GATATCCCCT	TTATCTCTAA	TCAGTTTATT	TTCTTTCAAA
Consensus	CCTTGCCTAC	GATATCCCCT	TTATCTCTAA	TCAGTTTATT	TTCTTTCAAA
<1662885inh	TAAAAAATAA	CTATGAGCAA	CA		
>1209814	TAAAAAATAA	CTATGAGCAA	CAT		
Consensus	TAAAAAATAA	CTATGAGCAA	CAT		

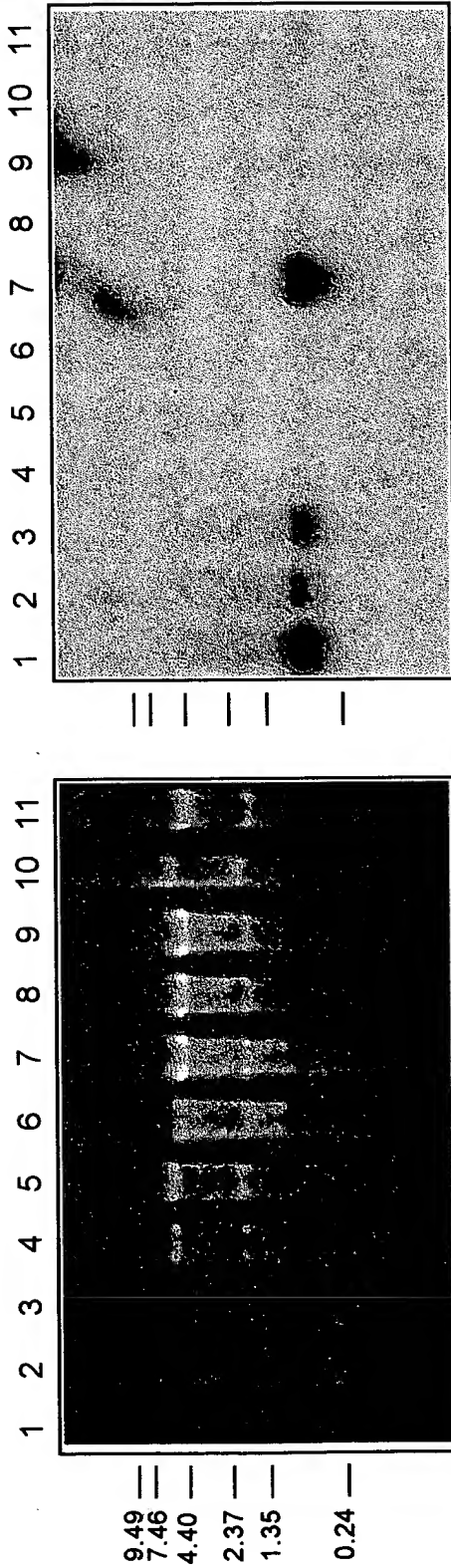
Figure 2

1662885
1662885 inh
893988
901429
1209814



00645111-032000

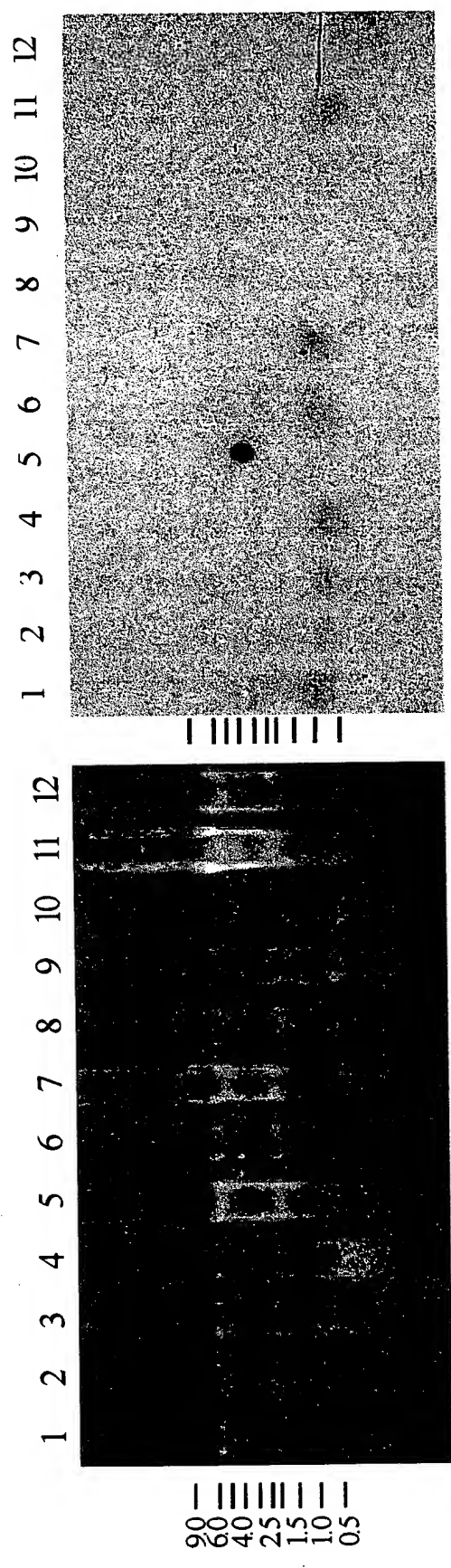
Figure 3A



Lane	Sample	Lane	Sample
1	Normal Breast	7	Prostate Cancer
2	Normal Breast	8	Prostate Cancer
3	Normal Breast	9	Prostate Cancer
4	Normal Prostate	10	LnCap
5	Normal Prostate	11	McF7
6	Normal Prostate		

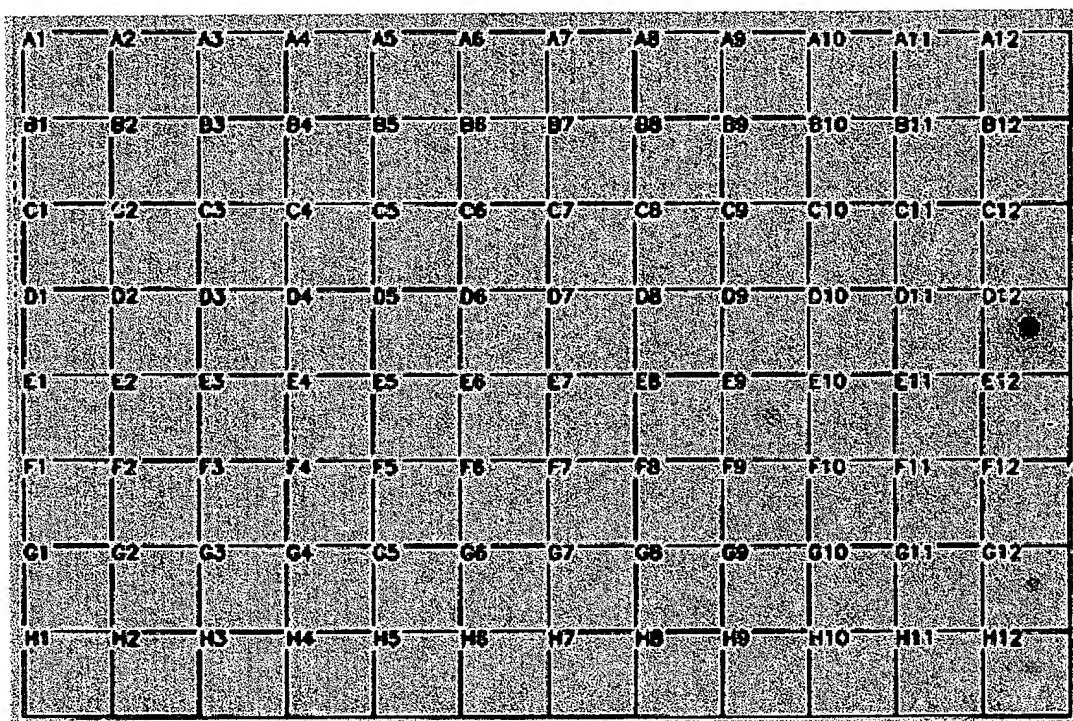
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Figure 3B



Lane	Sample	Lane	Sample
1	Normal Breast	7	Breast Cancer
2	Normal Breast	8	Breast Cancer
3	Normal Breast	9	Breast Cancer
4	Normal Breast	10	Breast Cancer
5	Normal Breast	11	Breast Cancer
6	Normal Breast	12	Breast Cancer

Figure 4



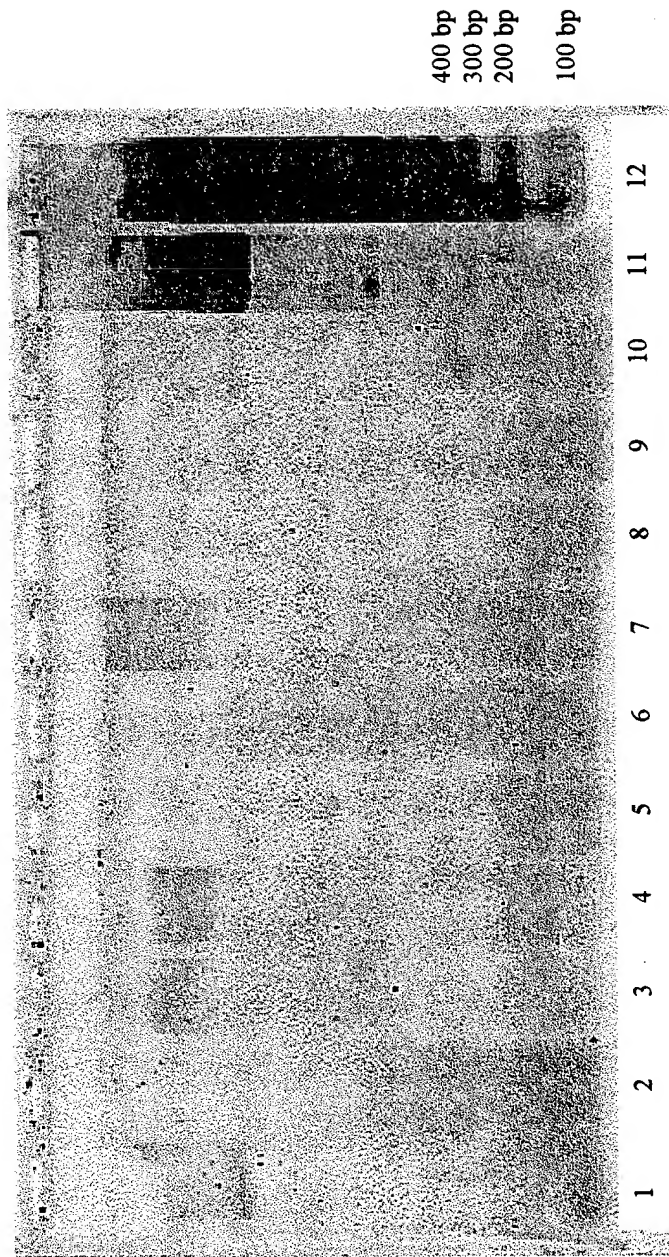
Dot Id	Sample
E9	Salivary gland
F9	Mammary gland
D12	E. coli
G12	Human DNA
H12	Human DNA

400 bp
300 bp
200 bp
100 bp

1 2 3 4 5 6 7 8 9 10 11 12

Lane	Sample	Lane	Sample
1	Markers (bp)	7	Normal Breast
2	Placental DNA	8	Breast Cancer
3	Normal Breast	9	Breast Cancer
4	Normal Breast	10	Breast Cancer
5	Normal Breast	11	Breast Cancer
6	Normal Breast	12	Breast Cancer

FIGURE 5B



Lane	Sample	Lane	Sample
1	Colon	7	Lung
2	Colon	8	Lung
3	Colon	9	Lung
4	Colon	10	Lung
5	Colon	11	Placental DNA
6	Lung	12	Markers (bp)

Figure 6

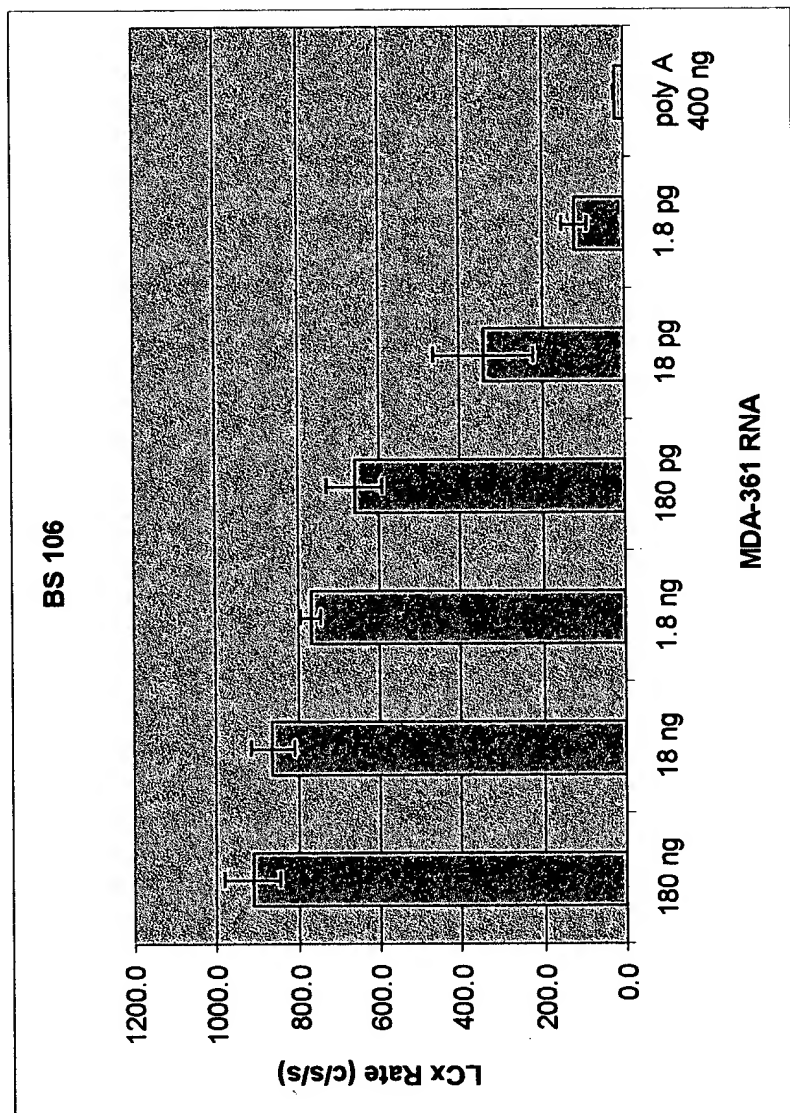
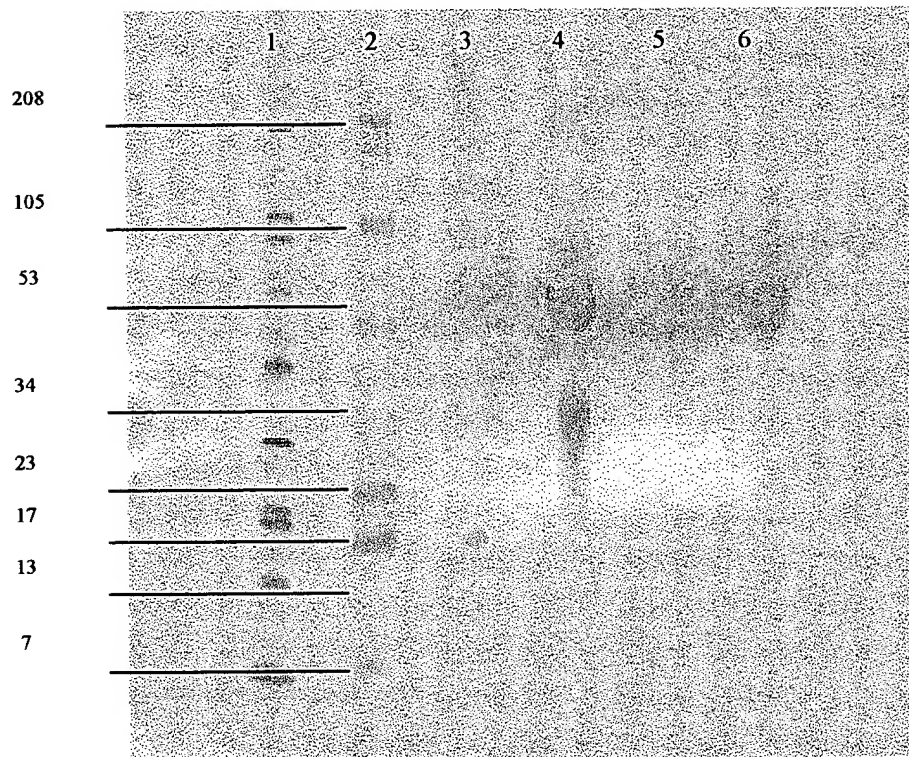
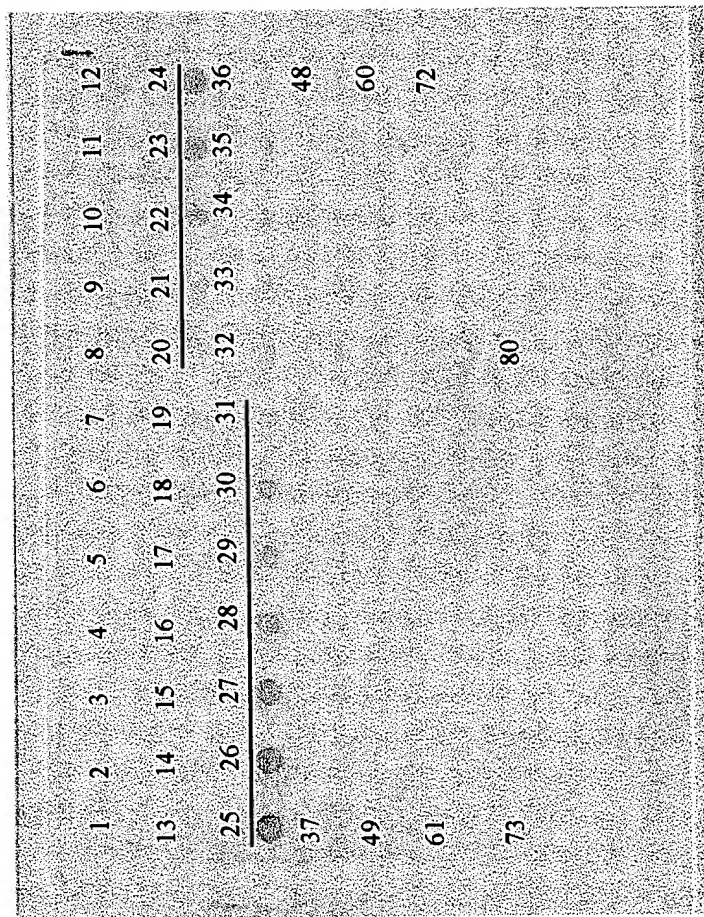


Figure 8



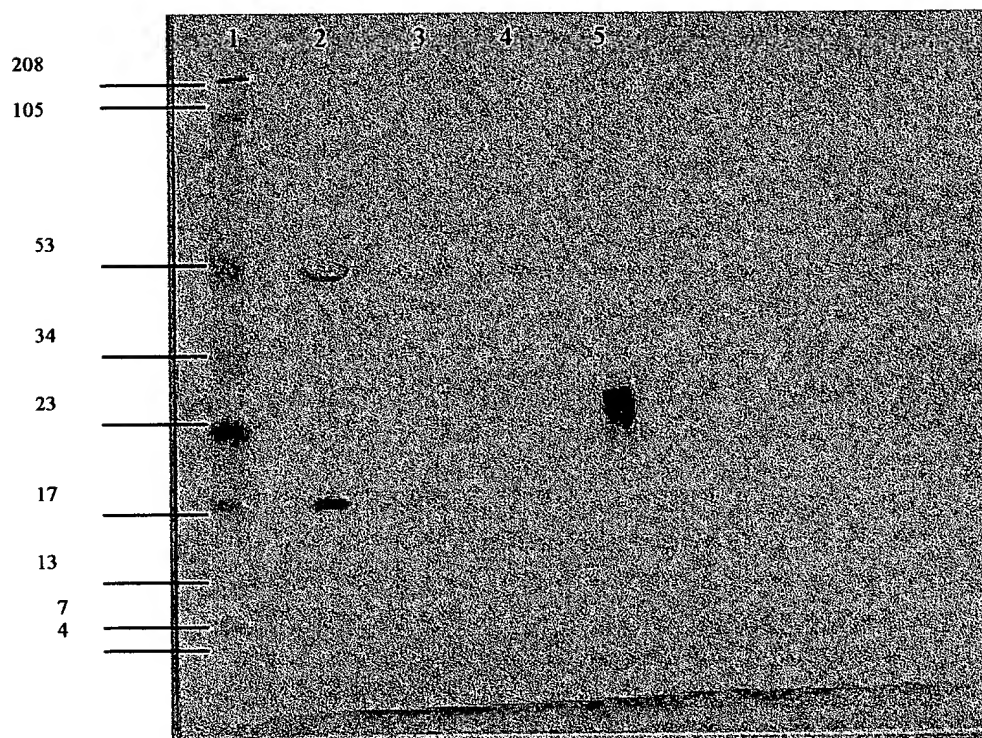
Lane	Sample
1	Biotinylated molecular weight markers
2	Colored molecular weight markers
3	Transfected HEK293 lysate
4	Transfected HEK293 supernatant
5	Negative control lysate
6	Negative control supernatant

Figure 9



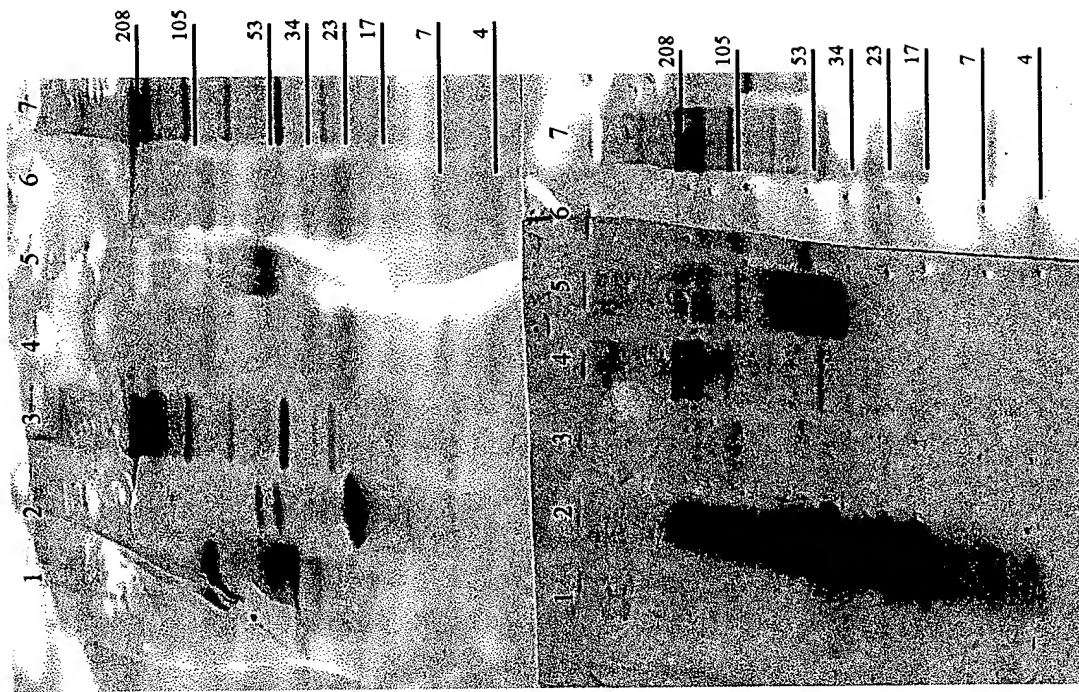
Dot blot of 2 ml fractions collected from Nickel chelate column with immunorecognition of material in fractions 20 – 31.

Figure 10



Lane	Sample
1	Colored molecular weight markers
2	Supernatant prior to chromatography
3	Flow during material loading
4	Material eluting during wash
5	Pooled, dialyzed eluted material

Figure 11



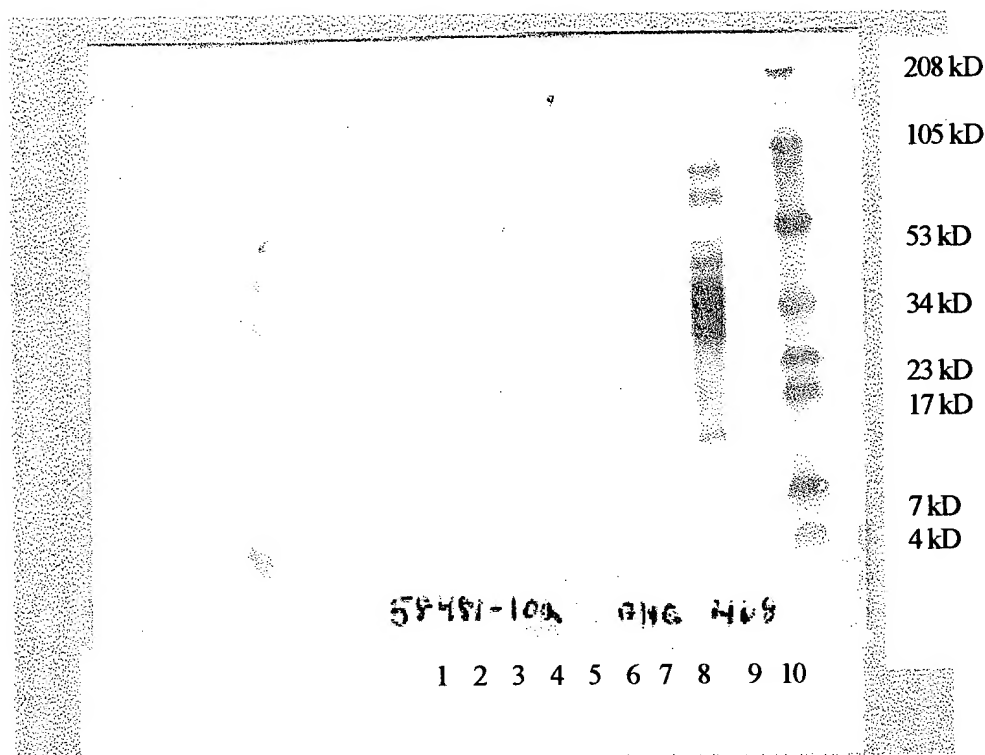
A

Panel A – Anti myc/his monoclonal antibody	
Lane	Sample
1	Unrelated protein
2	BS106 expressed in E. Coli
3	Biotinylated markers
4	Colored molecular weight markers
5	Pooled BS106 M/H from 106C1 cells
6	Colored molecular weight markers
7	Biotinylated molecular weight markers

B

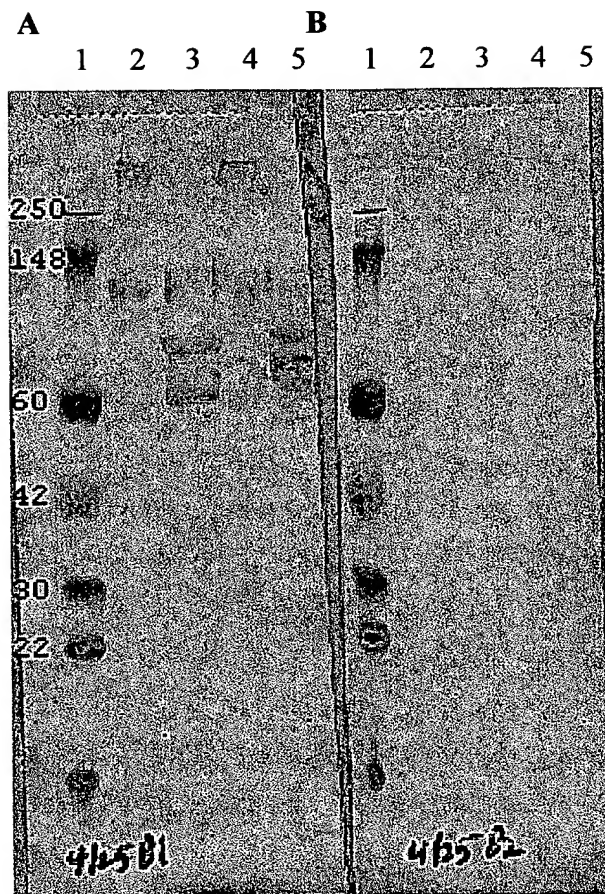
Panel B – Anti BS106 polyclonal antisera	
Lane	Sample
1	Unrelated protein
2	BS106 expressed in E. Coli
3	Biotinylated markers
4	Colored molecular weight markers
5	Pooled BS106 M/H from 106C1 cells
6	Colored molecular weight markers
7	Biotinylated molecular weight markers

Figure 12



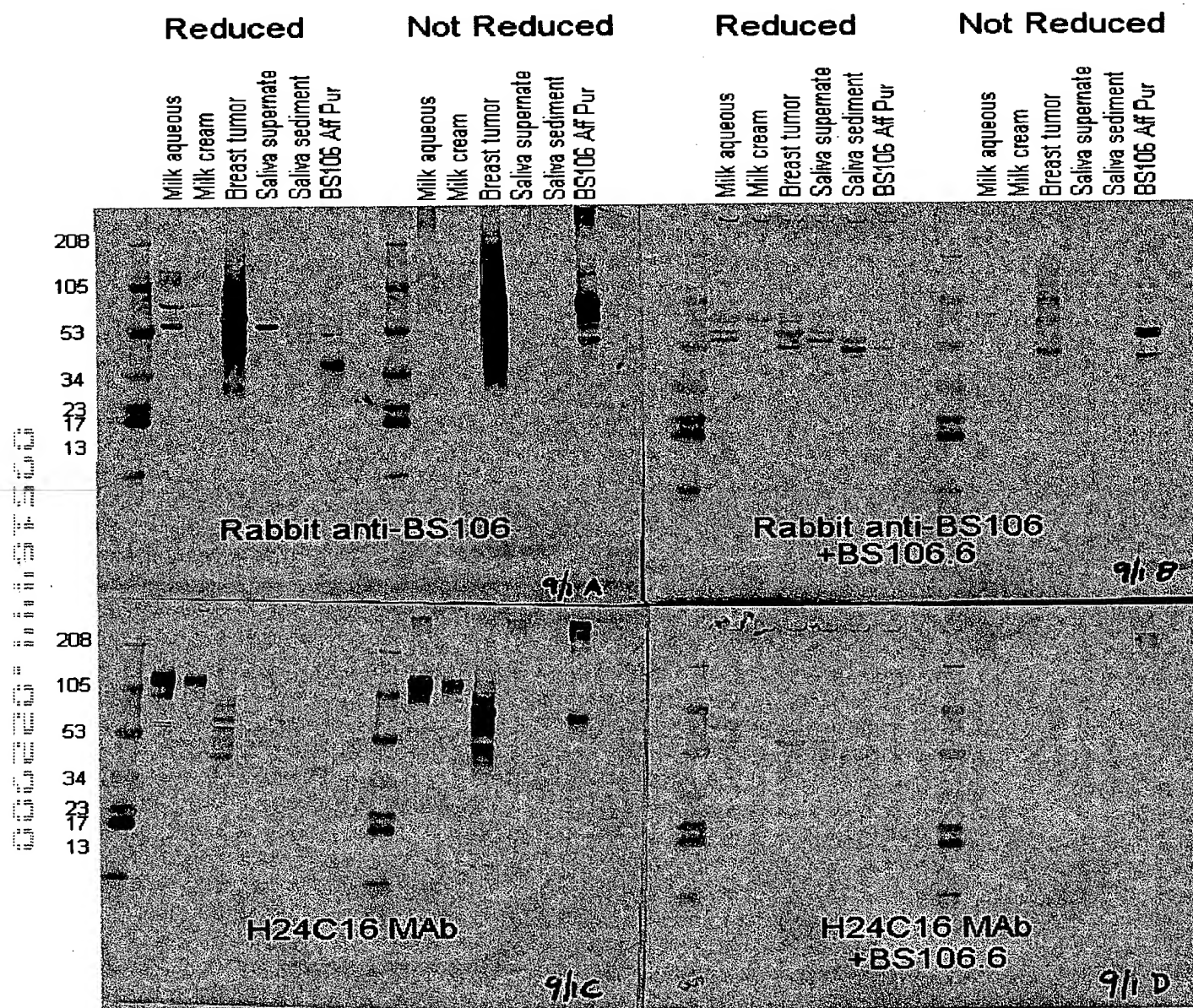
Lane	Sample	Lane	Sample
1	Testicle Cancer	6	Prostate
2	Endometrial Cancer	7	Lung
3	Ovarian Cancer	8	Breast Cancer
4	Bladder	9	empty
5	Colon	10	Molecular Weight Markers (kD)

Figure 13



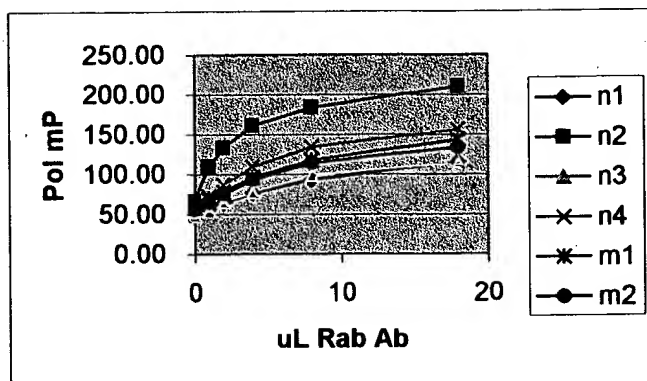
Panel A - Non -Competitive		Panel B - Competitive	
Lane	Sample	Lane	Sample
1	Colored Molecular Marker Weights	1	Colored Molecular Marker Weights
2	Aqueous milk fraction (unreduced)	2	Aqueous milk fraction (unreduced)
3	Aqueous milk fraction (reduced)	3	Aqueous milk fraction (reduced)
4	Fatty milk fraction (unreduced)	4	Fatty milk fraction (unreduced)
5	Fatty milk fraction (reduced)	5	Fatty milk fraction (reduced)

Figure 14

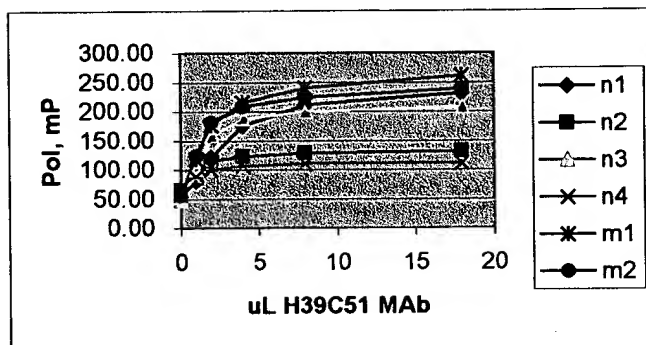


The lanes 1 and 8 in each panel contain colored molecular weight markers (kD).

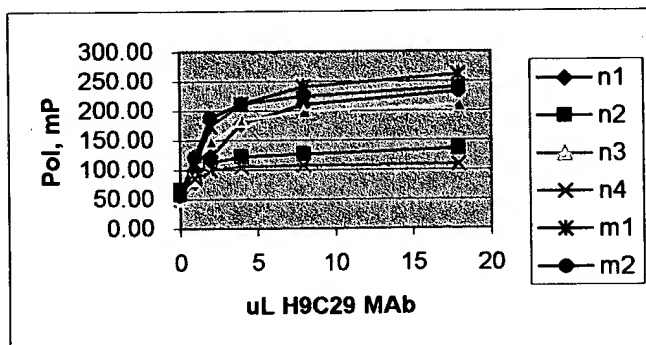
Figure 15



A



B



C

Conjugates N1-N4 were derived from 5-carboxyfluorescein.
Conjugates M1-M2 were derived from fluorescein-5-maleimide.